SYNKOTE SECURITY SYSTEM 10/23/89

LIGHT STATUS

INTERPRETATION

GREEN RED Steady On Off

Steady On Steady On

Off Off

Off Blinking
Steady On Blinking

System Armed
System Armed

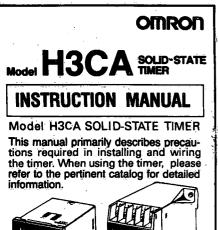
System Inoperable
Alarm has been tripped

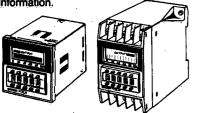
System has re-armed itself

OTHER FEATURES

- * System can only be armed and disarmed with the remote unit
- Siren can be set to any length of time (timer set to function "E")
- * Battery should keep system armed during power failure
- System re-arms automatically after 7 mins.
- System will not reset if pathway blocked

RANSM. Her F) Power Nothing 1- DC OUTPUT PANEL TLARM Coef Red leght is amed }





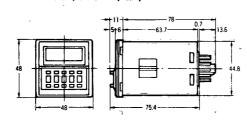
OMRON MANUFACTURING OF AMERICA, INC. PRINTED IN U.S.A. 0648456-0A

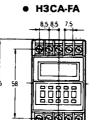
AVAILABLE TYPES

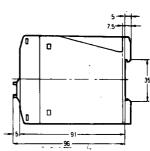
Operation/resetting system		Time-limit operation/self-resetting/ external resetting*		Time-limit opera- tion/self-resetting	Time-limit opera- tion/self-resetting
Operation mode		8 operation modes (salectable) **		ON-delay operation	ON-delay operation
Terminal form		11-pin round socket	Front screw	8-pin round socket	8-pin round socket
Time-limit contact		SPDT		DPDT	SPDŤ
Instantaneous contact		- ;		<u> </u>	SPDT
Equipped with control output ON/OFF and remaining time indicators	Surface mounting	H3CA-A (with P2CF-11 socket)	H3CA-FA	H3CA-8 (with P2CF-08 socket)	H3CA-8H (with P2CF-08 socket)
	Track mounting				
	Flush mounting	H3CA-A (with Y92F-30 adapter)	-	H3CA-8 (with Y92F-30 adapter)	H3CA-8H (with Y92F-30 adapter)

DIMENSIONS

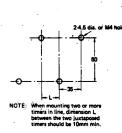
• H3CA-A/H3CA-8(-8H)







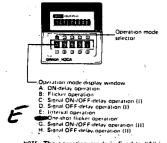
Mounting holes



HINTS ON CORRECT USE

HOW TO CHANGE OPERATION MODE

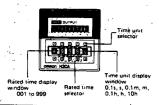
Operate the pushbuttons of the thumbwhee switch, located at the leftmost position on the front panel, to set the operation mode Eight operation modes (A, B, C, D, E, F, G, and H) are selectable and the selected operation mode is displayed in the operation mode is displayed in the operation mode displayed in the operation mode display window.



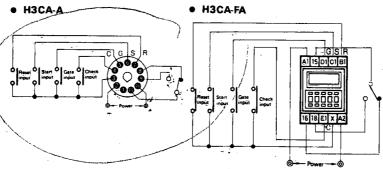
The operation mode is fixed to "A" in type H3CA-8, H3CA-8H.

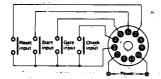
HOW TO CHANGE TIME UNIT AND RATED TIME

Operate the pushbuttons of the rightmost thumbwheel switch to select the desired time units. Seven time units (0.1s, s, 0.1m, n, 0.1h, h, or-10h) are selectable and the selected time unit is displayed in the time unit display window. The desired rated time is specified by operating the 3 thumbwheel switches in the middle of the front panel. The range of a rated time is 001 to 999 for each time unit

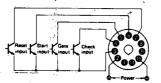


■ CONNECTIONS



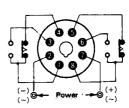


nection of solid-state signal input it the start input transistor between als (3) and (6), the reset input or between terminals (3) and (7),



... signal input, use a transistor of ope. collector type with characteristics: Vcgo =20V min, Vcgsi =1V max., Ic=50mA min, and Ica = 0.5g.A max. In addition, be sure that these input sign satisfy the following requirements: a resistance of IKΩ max. when the transist is ON, residual voltage of 1V max. when the transistor is ON, and a resistance of 200kΩ min. when the transistor is OFF. From a solid-state circuit (proximity swit photoelectric switch, or the like) with the rated power supply voltage ranging from to 30 VDC, input signals can also be applied by other than the open collector type transistor as shown in the followingsam.

H3CA-8





• H3CA-8H

• H3CA-8H اً أ

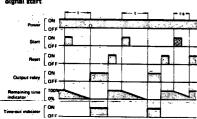
TIMING CHARTS (OPERATION MODES)

• H3CA-A(FA)

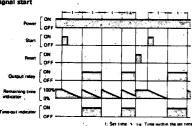
NOTES: 1. The minimum signal input time is 0.05 sec.
2. The minimum resetting time is 0.5 sec. in type H3CA-A, H3CA-FA.
3. The minimum resetting time is 0.1 sec in type H3CA-B, H3CA-BH.

A mode ON-delay operation

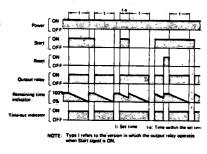
· Signal start

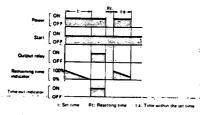


B mode Flicker operation

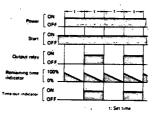


C mode Signal ON-/OFF-delay operation (Type I)

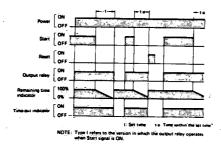




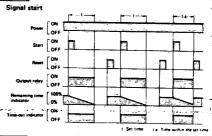
Power-ON start/Power-OFF reser



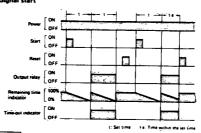
D.mode Signal OFF-delay operation (Type I)



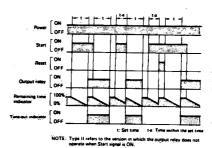
E mode Interval operation



F mode One-shot and flicker operation



G mode Signal ON-/OFF-delay operation (Type II)



H mode Signal OFF-delay operation

er-ON start/Power-OFF reset

ower OFF

Start ON OFF

aning time 100% on 1 indicator ON OFF

Power OFF

Start ON OFF

t relay ON

OF F

